# BRUHAT BANGALORE MAHANAGARA PALIKE

## YELAHANKA ZONE

Name of work: Estimate for Improvements and Asphalting to Veeranna layout Gautam Book Store Road and Thindlu Surroundings in Ward No. 09, Vidyaranyapura Sub Division.

| | | | Estimate Cost Rs. | | | | | 1000000.00 | |
|---|---|---|---|---|---|---|---|---|---|
| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 141 / Item No. 19.1 / PWD SR 2015-16** | Cum | | | | | | | |
| | For Drain Desilting | | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 2 | 116.00 | 0.45 | 0.45 | 46.98 | | |
| | Veeranna Layout Cross Road | | 2 | 105.00 | 0.45 | 0.45 | 42.53 | | |
| | Berm cutting | | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 2 | 116.00 | 1.40 | 0.25 | 81.20 | | |
| | Veeranna Layout Cross Road | | 2 | 105.00 | 1.40 | 0.25 | 73.50 | | |
| | | | | | | | **244.21** | 83.16 | **20308.00** |
| | Basic Rate | 77.00 | | | | | | | |
| | Area Weightage @8% | 6.16 | | | | | | | |
| | **Total** | **83.16** | | | | | | | |
| 2 | Removing B.S Slab of Drain and stacking **Page No. 25 / Item No. 5.32 / PWD SR 2015-16** | Sqm | | | | | | | |
| | | | 2 | 116.00 | | 1.50 | 348.00 | | |
| | | | 2 | 105.00 | | 1.50 | 315.00 | | |
| | | | | | | | **663.00** | 63.72 | **42246.00** |
| | Basic Rate | 59.00 | | | | | | | |
| | Area Weightage @ 8% | 4.72 | | | | | | | |
| | **Total** | **63.72** | | | | | | | |
| 3 | Refixing stone slabs of drains and pointing in C.M (1:3) **Page No. 25 / Item No. 5.33 / PWD SR 2015-16** | Sqm | | | | | | | |
| | | | Qty Vide Item No. 2 | | | | **663.00** | 78.84 | **52271.00** |
| | Basic Rate | 73.00 | | | | | | | |
| | Area Weightage @ 8% | 5.84 | | | | | | | |
| | **Total** | **78.84** | | | | | | | |
| 4 | KSRRB 300-47: scarifying kankar/gravel/metal crust upto 150mm thick with pick axes and disposal of stuff within a lead of 100 meters including cost of all labour charges complete as per specifications MORTH chapter 3, **No. 146 / Item No. 19.53 / PWD SR 2015-16** | Sqm | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 1 | 116.00 | 5.00 | | 580.00 | | |
| | Veeranna Layout Cross Road | | 1 | 105.00 | 5.00 | | 525.00 | | |
| | | | | | | | **1105.00** | 25.92 | **28642.00** |
| | Basic Rate | 24.00 | | | | | | | |
| | Area Weightage @ 8% | 1.92 | | | | | | | |
| | **Total** | **25.92** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| 5 | KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **[illegible]t mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per MORTH specification NO. 406, **Page No. 157 / Item No. 20.18 / PWD SR 2015-16** | Cum | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 1 | 116.00 | 5.00 | 0.20 | 116.00 | | |
| | Veeranna Layout Cross Road | | 1 | 105.00 | 5.00 | 0.20 | 105.00 | | |
| | | | | | | | **221.00** | 1713.96 | **378785.00** |
| | Basic Rate | 1587.00 | | | | | | | |
| | Area Weightage @ 8% | 126.96 | | | | | | | |
| | **Total** | **1713.96** | | | | | | | |
| | | | | | | | | | |
| 6 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means complete as per specifications. MORTH specification NO. 502, **Page No. 160 / Item No. 21.6 / PWD SR 2015-16** | Sqm | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 1 | 116.00 | 5.00 | | 580.00 | | |
| | Veeranna Layout Cross Road | | 1 | 105.00 | 5.00 | | 525.00 | | |
| | | | | | | | **1105.00** | 28.08 | **31028.00** |
| | Revised Basic Rate | 26.00 | | | | | | | |
| | Area Weightage @ 8% | 2.08 | | | | | | | |
| | **Total** | **28.08** | | | | | | | |
| | | | | | | | | | |
| 7 | KSRRB M500-19: providing and laying **bituminous concrete** 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desire compaction as per MORTH specification clause No. 500.9 complete In all respects as per specifications. MORTH specification NO. 509, **using 10/60 TPH capacity H.M.P with Mechanical paver Gr-II (30 to 45 mm) with 6% VG-30 Bitumen, No. 165 / Item No. 21.22.6/ PWD SR 2015-16** | Cum | | | | | | | |
| | Bullet Krishnappa Layout 1st Cross | | 1 | 116.00 | 5.00 | 0.040 | 23.20 | | |
| | Veeranna Layout Cross Road | | 1 | 105.00 | 5.00 | 0.040 | 21.00 | | |
| | | | | | | | **44.20** | 7699.32 | **340310.00** |
| | Revised Basic Rate | 7129.00 | | | | | | | |
| | Area Weightage @ 8% | 570.32 | | | | | | | |
| | **Total** | **7699.32** | | | | | | | |
| | | | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 8 | Lead for Disposal of Debris shall be payable at orage rates by Mechanical means inlcuding ading and unloading. **From 0.00 to 11.90 Km WD SR 2015-16** Rates P No 139 ) | Cum | | | | | | | |
| | | | Qty. Vide Item No. 1 | | | | **219.78** | 106.34 | **23371.00** |
| | Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 TX 11.90Km X 2.0/km= 30.46 | 30.46 | | | | | | | |
| | Add loading and unloading Charges **It No 17.1 KSRRB M 100-1** | 68.00 | | | | | | | |
| | | **98.46** | | | | | | | |
| | Area Weightage @ 8% | 7.88 | | | | | | | |
| | **Total** | **106.34** | | | | | | | |
| 9 | Sub Total | | | | | | | | **916961.00** |
| 10 | KRIDL Charges @ 8% | | | | | | | | **73357.00** |
| 11 | Third Party Inspection Charges @ 1% | | | | | | | | **9170.00** |
| 12 | Add for unforseen and rounding off | L/S | | | | | | | **512.00** |
| | | | | | | | | Total | **1000000.00** |

**Rupees Ten Lakh(s) Only**

**Certificate:**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
KRIDL

Assistant Engineer
Ward No. 09

Assistant Executive Engineer
KRIDL

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 16/6
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of Ac. P-2415
Div. Ref. No EE/AS/01/16-17 Date 16/06/2016
AE 16/06
EE(BTP) 16/6

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of Ac. P-2415
Div. Ref. No EE/BTP/TS/01/16-A Date 16/06/16
AE 16/06.
EE(BTP) 16/6/16